

## ***“NOTICE OF PUBLIC PARTICIPATION AND INPUT ON PROPOSED DRINKING WATER TREATMENT REVOLVING FUND INTENDED USE PLAN FOR STATE FISCAL YEAR 2004”***

### **Notice of Public Participation and Input on the Proposed Drinking Water Treatment Revolving Loan Fund Intended Use Plan for the State of Hawaii Fiscal Year 2004 and the Federal Fiscal Year 2003 Appropriation**

The State of Hawaii Drinking Water State Revolving Fund (DWSRF) program, also known as the Drinking Water Treatment Revolving Loan Fund, is required to develop an Intended Use Plan each year as part of the U.S. Environmental Protection Agency's (EPA) DWSRF grant requirements. EPA grants monies to the State of Hawaii annually to construct drinking water facilities and support other drinking water programs.

For State Fiscal Year 2004, the Hawaii DWSRF program expects to receive approximately \$8,004,100 in Federal Funds. The Intended Use Plan explains how the new and existing funds will be used toward construction projects on the Priority List of Projects and towards other activities that support drinking water branch activities.

On or about April 1, 2003, the Drinking Water State Revolving Fund (DWSRF) program, will publish a public notice statewide in the Honolulu Star Bulletin, the Hawaii Tribune-Herald, West Hawaii Today, The Maui News, and The Garden Isle newspapers. This public notice period will be open for 30 days in which the program will accept comments. Upon written request, a public hearing may be scheduled. All comments and/or requests for a public hearing must be received by the Safe Drinking Water Branch 30 days after the publishing of the public notice.

Information regarding the Intended Use Plan may be obtained by writing to or calling the Safe Drinking Water Branch, at 919 Ala Moana Blvd., Room 308, Honolulu, Hawaii 96814, (808) 586-4258.

## ***BIOTERRORISM PRESENTATION TO BE HELD ON APRIL 4, 2003***

Stuart Donachie (President of Hawaii Branch of ASM) and Roger Fujioka (University of Hawaii Water Resources Research Center) have arranged for Professor Ronald Atlas, president of American Society for Microbiology, to make a special public presentation entitled, "Community Preparedness for a Bioterrorist Attack and the Role of Microbiologists" to the public during the afternoon of April 4, 2003. Professor Atlas' trip and presentation are being funded by the American Society for Microbiology and he will be the invited speaker at the Hawaii Branch of ASM Spring Meeting on April 5th. Professor Atlas has been the national spokesman for microbiologists on the topic of bioterrorism and has testified to Congress. To take advantage of his visit to Hawaii, Stuart and Roger have been working with the Honolulu Board of Water Supply (HBWS) to have the mayor of Honolulu declare April 4th as Microbiology Appreciation Day.

Arrangements have been made through the HBWS to be the City agency to coordinate this day with the Mayor's office and to arrange for the presentation venue. The public presentation will be held at the Neil Blaisdell Center - Hawaii Room on April 4<sup>th</sup> from 1:00pm to 4:00pm. This event will be co-sponsored by those agencies that are relevant to this presentation and official representatives from these agencies will be present. The representatives from all co-sponsors will form a kind of panel that will initiate a discussion with Professor Atlas at the end of his presentation.

If you have any questions regarding this event, please contact the Water Resources Research Center/University of Hawaii via phone at (808) 956-7847.

**Laurence Lau, Deputy Attorney General for the Department of Health's Water Programs has been selected as the new Deputy Director for Environmental Health. Mr. Lau's appointment begins on April 1, 2003.**

**Due to heightened security conditions, the State Laboratories Facility in Pearl City has been placed on restricted access. Those scheduled to attend training or deliver samples at the laboratory should check with their training coordinator or sampling coordinator before going to the laboratory facility.**

## ***THE MONITORING REQUIREMENTS OF THE RADIONUCLIDES RULE***

Between December 8, 2003 and December 31, 2007 community water systems must begin initial monitoring under State specified monitoring plan unless State permits the use of grandfathered data.

<b>MONITORING REQUIREMENTS</b>	
Gross Alpha, Combined Radium 226/228, and Uranium (1)	Beta Particle and Photon Radioactivity (1)
<b>Initial Monitoring</b>	
Four consecutive quarters of monitoring	No monitoring required for most CWSs. Vulnerable CWSs (2) must sample for: Gross beta: quarterly Tritium and Strontium 90: annual samples
<b>Reduced Monitoring</b>	
<p>If the average of the initial monitoring results for each contaminant is below the detection limit: One sample every 9 years.</p> <p>If the average of the initial monitoring results for each contaminant is greater than or equal to the detection limit, but less than or equal to one half the MCL: One sample every 6 years.</p> <p>If the average of the initial monitoring results for each contaminant is greater than one half of the MCL, but less than or equal to the MCL: One sample every 3 years.</p>	If the running annual average of the gross beta particle activity minus the naturally occurring potassium 40 activity is less than or equal to 50 pCi/L: One sample every 3 years.
<b>Increased Monitoring</b>	
A system with an entry point result above the MCL must return to quarterly sampling until 4 consecutive quarterly samples are below the MCL.	If gross beta particle activity minus the naturally occurring potassium 40 activity exceeds 50 pCi/L, the system must: (1) Speciate as required by the State, and (2) Sample at the initial monitoring frequency.
<p>(1) All samples must be collected at each entry point to the distribution.</p> <p>(2) The rule also contains requirements for CWSs using waters contaminated by effluents from nuclear facilities.</p>	
<b>Grandfathering of Data</b>	
<p><b>When allowed by the State, data collected between June 2000 and December 8, 2003, may be used to satisfy the initial monitoring requirements if samples have been collected from:</b></p> <p>Each entry point to the distribution system (EPTDS). The distribution system, provided the system has a single EPTDS. The distribution system, provided the State makes a written justification explaining why the sample is representative of all EPTDS.</p> <p>Also in order to be eligible for grandfathering, radium 228 must be analyzed separately, although combined radium 226/228 must still be analyzed if gross alpha hits the 5pCi/L trigger level (under the "old" rule which is still in effect this year).</p>	

From: Radionuclides Rule: A Quick Reference Guide, EPA 816-F-01-003, June 2001.

## ***A MESSAGE TO WATER SYSTEMS REGARDING THE ANALYSIS OF RADIONUCLIDES SAMPLES***

This is to inform all public water systems that the DOH-SDWB will no longer be able to provide analyses for radionuclides. However, the requirement for each water system to monitor for these contaminants remains in place. Please be aware that the radionuclides rule was amended by the EPA, and that analyses for additional contaminants are needed (see table above). In addition to gross alpha and gross beta, radium 228 and uranium must be separately analyzed. Samples must now be collected at each entry point to your distribution system(s). These sampling locations are the same entry points locations used in your DOH-analyzed samples. If you are not sure of these locations, information on the required sample points for your system(s) can be verified by contacting Mr. Wendell Sano at (808) 586-4258.

The good news concerning the Radionuclides Rule amendment is that the State is given the opportunity to allow “grandfathering” of the results of any samples collected before December 8, 2003, into the next monitoring cycle (2004-2007). To meet the “grandfathering” provision, one sample is needed before the above date for each entry point. If you elect not to pursue grandfathering, you will need to collect and analyze four consecutive quarterly samples in the 2004-2007 period. Additionally one sample analyzed for gross alpha and gross beta, as previously required, has to be completed by the end of 2003.

In accordance with the “grandfathering” provision of the rule, the DOH-SDWB is recommending that Public Water Systems make the necessary arrangements to collect these samples before December 8, 2003, and have the analyses performed by a DOH approved laboratory with current drinking water (in State) or NELAP certification for the measurement of radionuclide contaminants in drinking water. Currently, the DOH State Laboratories Division has approved Montgomery Watson Harza Laboratories (partial) and Severn Trent Laboratories in Richland, Washington for these analyses. Please insure that your radionuclide sampling is conducted according to the new requirements before December 8, 2003, in order that you may take full advantage of the “grandfathering” provision.

## ***ANNUAL AWWA HAWAII SECTION CONFERENCE TO BE HELD MAY 13 - 16, 2003***



### **AWWA Hawaii Section 29<sup>th</sup> Annual Conference “Increasing Customer Confidence During Challenging Times” May 13 – 16, 2003, The Renaissance Ilikai Waikiki Hotel**

This year’s conference theme is Increasing Customer Confidence During Challenging Times. As public organizations and individuals, we continue to adjust to the new realities of our post-9/11 world. Security challenges compound the growing economic issues many public agencies face and the issues of competition and privatization have not gone away. The conference program includes a full schedule of local and mainland presentations covering a wide range of pertinent topics including security, privatization, technology, regulations, customer service, and water quality.

In recognition of the political change that has occurred here in Hawaii, Governor Linda Lingle has been invited to deliver the keynote address. State government plays a key role in managing and protecting our water resources. We are hopeful the Governor’s schedule will allow her to share her views and plans with our conferees.

On Tuesday, a pre-conference workshop organized by Barry Pollock of the Environmental Protection Agency will address water system security. Small to medium utilities will find the workshop useful as they work to complete their federally required vulnerability assessments (for all water systems serving 3,300 or more persons).

For information regarding the conference, please call Lorrie Shiraishi at (808) 527-5270 or (808) 550-9010(fax).

#### **Safe Drinking Water Branch Related Activities at this year’s AWWA Hawaii Section Annual Conference includes:**

- (1) Pre-conference workshop on Drinking Water Security, being co-sponsored with the U.S. EPA, Region 9;
- (2) Presentation by the University of Hawaii on Hawaii’s Source Water Assessment Program; and
- (3) Presentation by Bill Wong of the Department of Health and Barry Pollock of the U.S. EPA, Region 9 on Regulatory Updates.

## CONSUMER CONFIDENCE REPORT INFORMATION

**This year's CCR deadlines are as follows:**

- (1) Water sellers must provide monitoring results to water purchasers by:
- (2) CCRs must be prepared and distributed to customers by:
- (3) Water systems must submit a certification that they have prepared and distributed the CCR to their customers by:

**APRIL 1, 2003**

**JULY 1, 2003**

**OCTOBER 1, 2003**

**IMPORTANT NOTE:** Due to significant increases in staff workloads, the 2002 DOH monitoring data will not be routinely sent to the water systems on diskette (as was done for 1998 and 1999). While all water systems have been sent copies of their analysis results as they were received from the laboratory, those water systems requiring a diskette version of their 2002 DOH monitoring data should contact Daniel Chang of the Safe Drinking Water Branch at (808) 586-4258 to make a request and arrangements for obtaining the data.

*Please send your  
suggestions, ideas,  
questions or  
comments to:*

**THE WATER SPOT 2003**  
**Safe Drinking Water Branch**  
**State Department of Health**  
**919 Ala Moana Blvd., Room 308**  
**Honolulu, Hawaii 96814**

*Fax us at (808) 586-4351, Attn: "THE WATER SPOT 2003"*

**SDWB WEB SITE:**  
*<http://www.hawaii.gov/health/eh/sdwb>*



**LINDA LINGLE**  
**Governor of Hawaii**

**CHIYOME LEINAALA FUKINO, M.D.**  
**Director of Health**

***The Water Spot 2003 (April 2003)***  
**Safe Drinking Water Branch**  
**Environmental Management Division**  
**Hawai'i Department of Health**  
**919 Ala Moana Boulevard, Room 308**  
**Honolulu HI 96814**

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